

FIG. 1

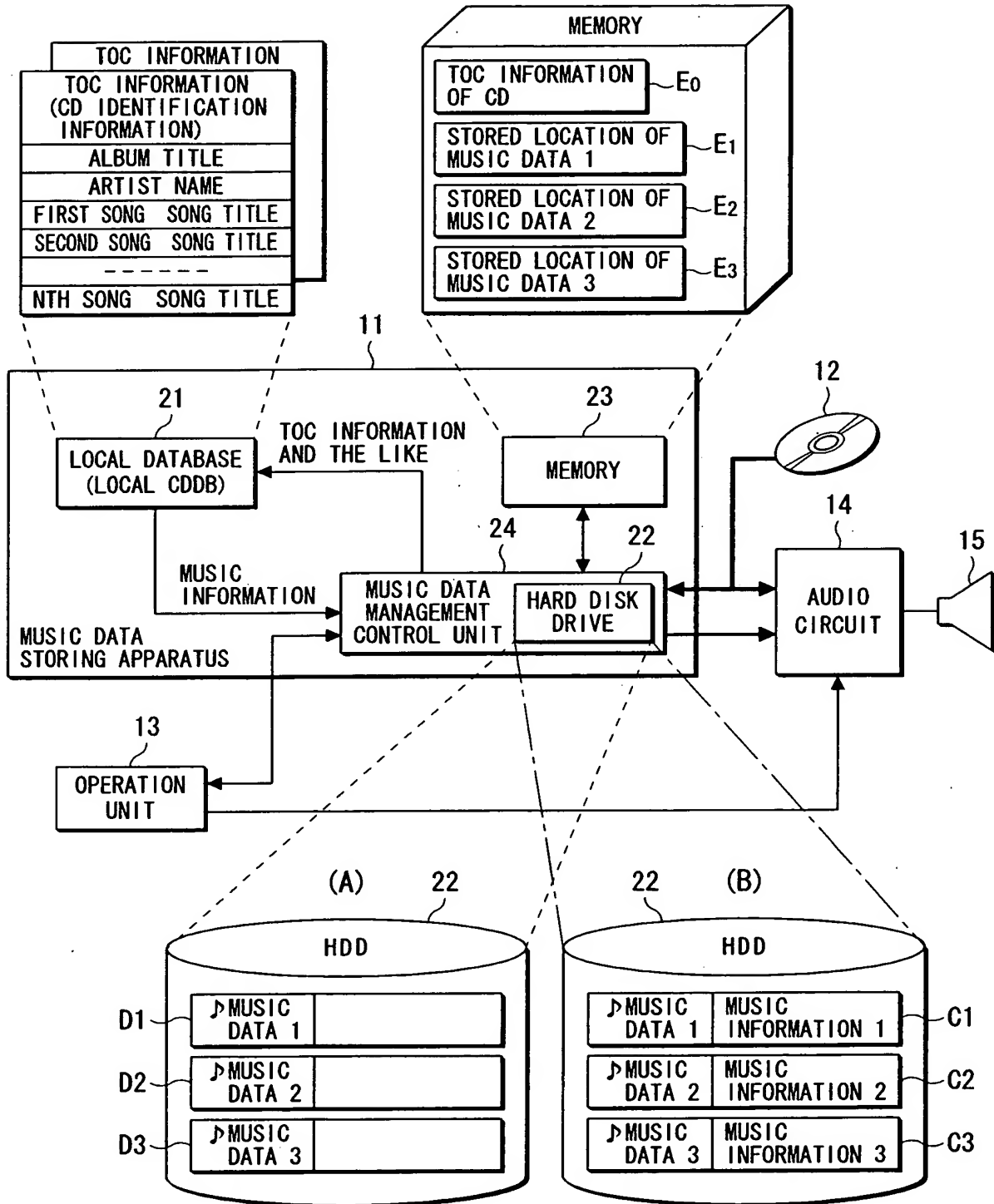


FIG. 2

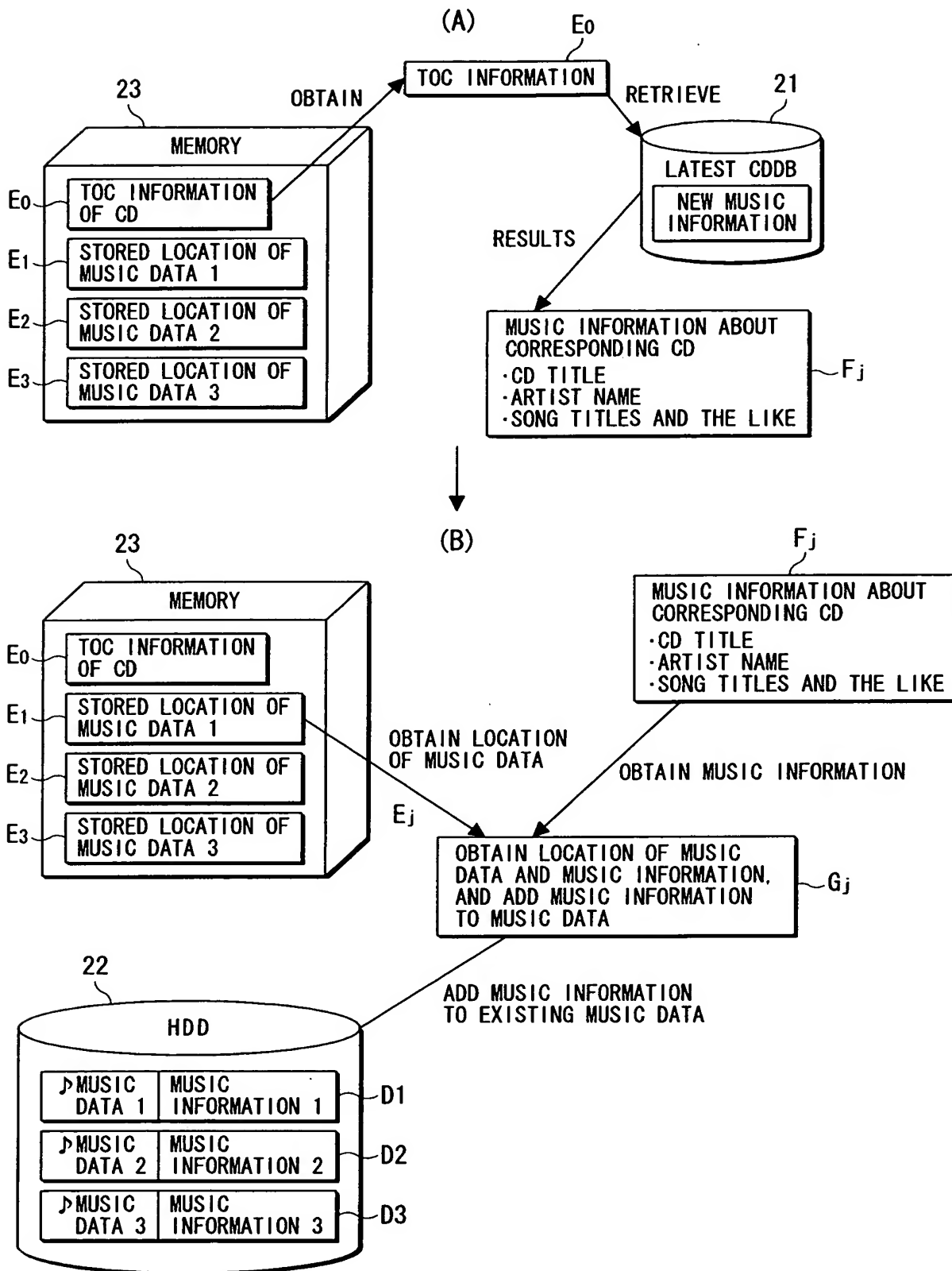


FIG. 3

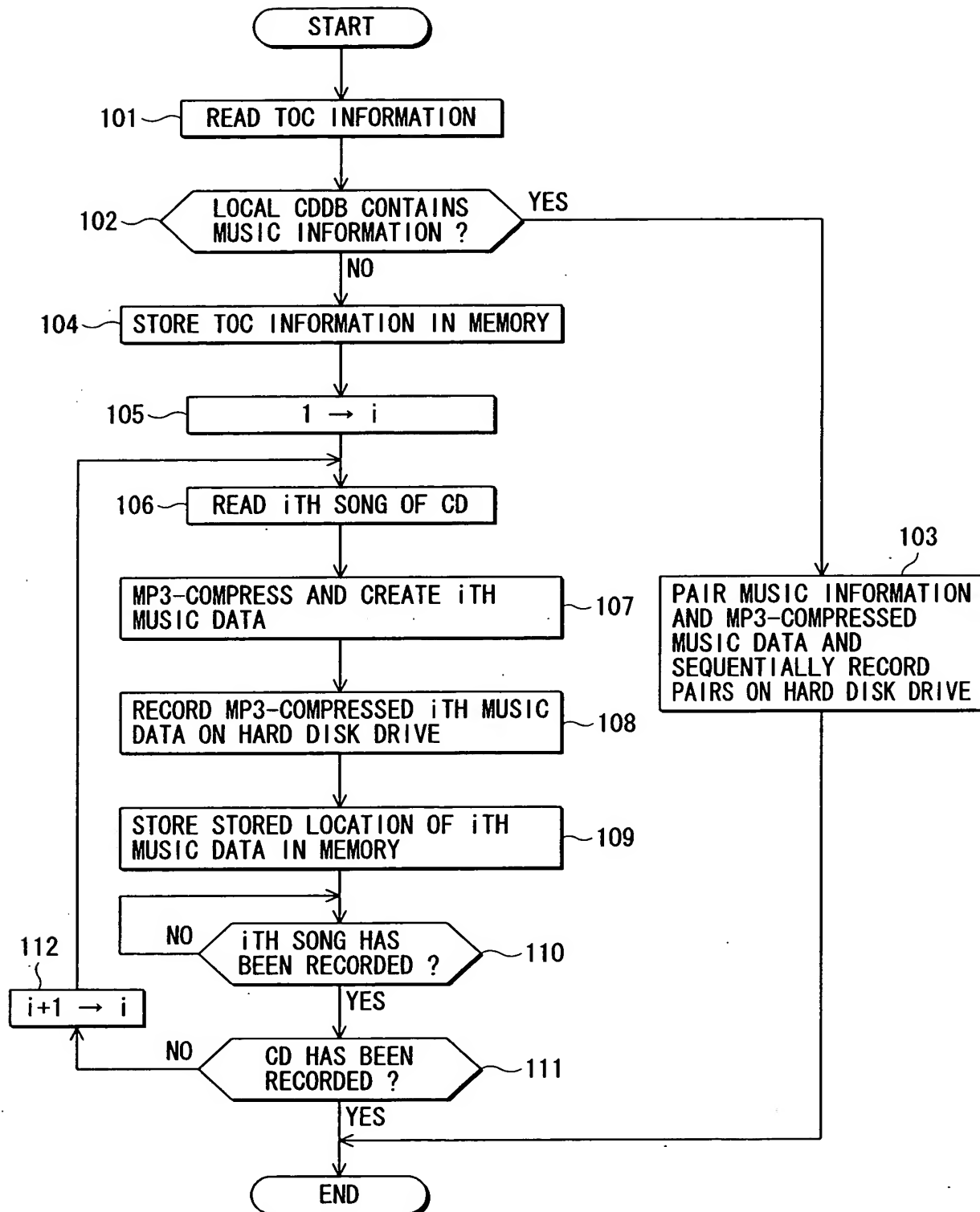
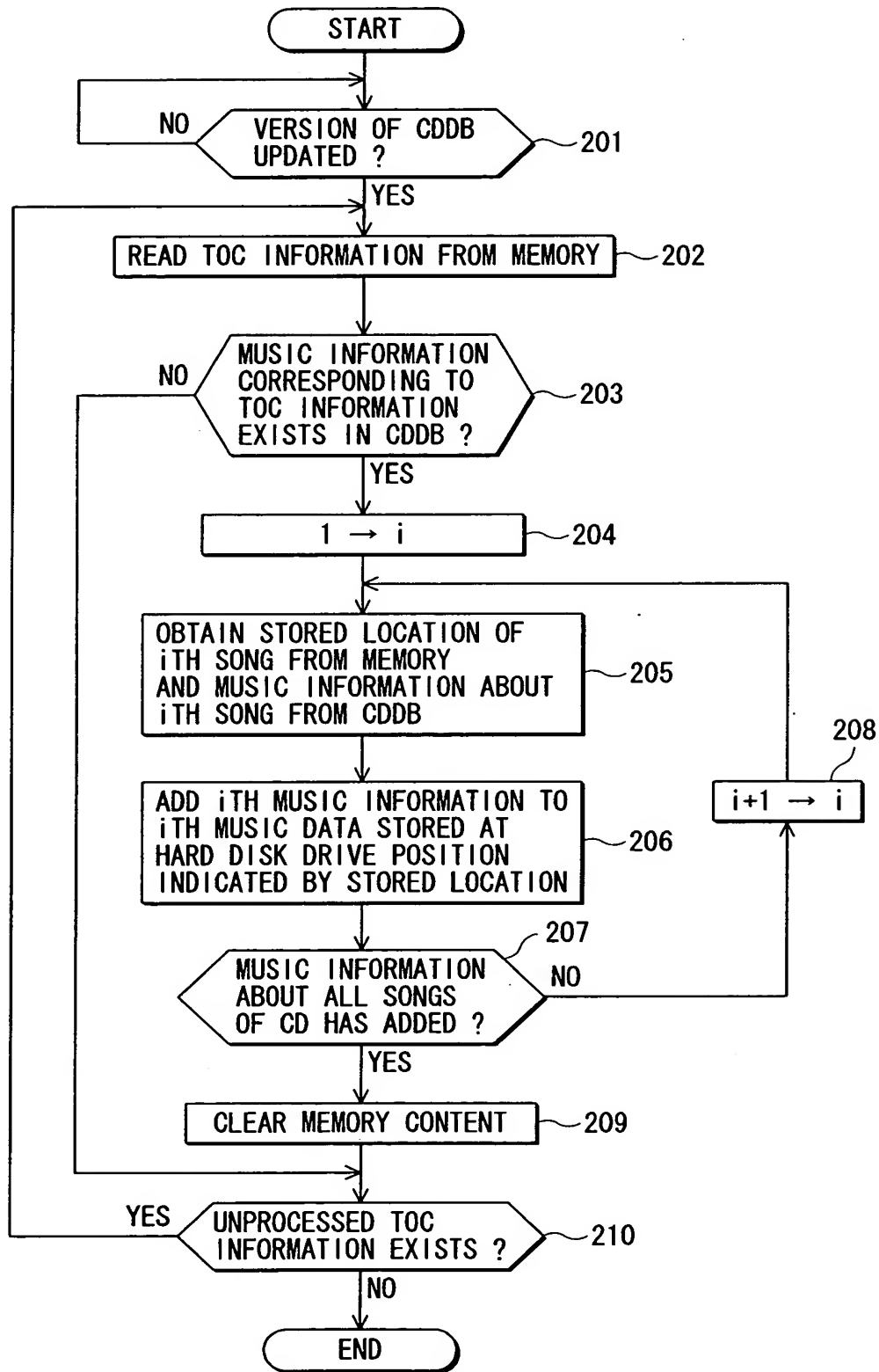


FIG. 4



The diagram illustrates a music data management system 11. It features a CD Drive 16 connected to a CD Reading Apparatus 17. The CD Reading Apparatus 17 outputs TOC (Table of Contents) and Music Data to a Music Data Management Control Unit 24. The Music Data Management Control Unit 24 is connected to a Music Data Encoding Apparatus 31, which outputs Encoded Music Data to a Music Data Decoding Apparatus 19. The Music Data Decoding Apparatus 19 outputs Music Data to a Music Reproducing Apparatus 14, which is connected to a Speaker 15. The Music Data Management Control Unit 24 is also connected to a Music Data Managing Apparatus 34, which outputs Encoded Music Data to a Music Information Managing Apparatus for Re-retrieving 33. The Music Information Managing Apparatus for Re-retrieving 33 outputs Music Information to a Music Information Retrieving Apparatus 32. The Music Information Retrieving Apparatus 32 outputs Music Information to a Music Data Encoding Apparatus 31. The Music Data Managing Apparatus 34 is connected to a Music Data Storing Apparatus 11, which includes Memory 23 and HDD 22. The Music Data Storing Apparatus 11 is also connected to a Substituting Music Information Creating Apparatus 18, which outputs Substituting Music Information to a Music Information Managing Apparatus for Re-retrieving 33. The Music Information Managing Apparatus for Re-retrieving 33 outputs Music Information to a Music Information Display Apparatus 13b, which is connected to an Operation Key Unit 13a. The Music Information Display Apparatus 13b outputs Music Data List to a Music Data Managing Apparatus 34.

FIG. 6

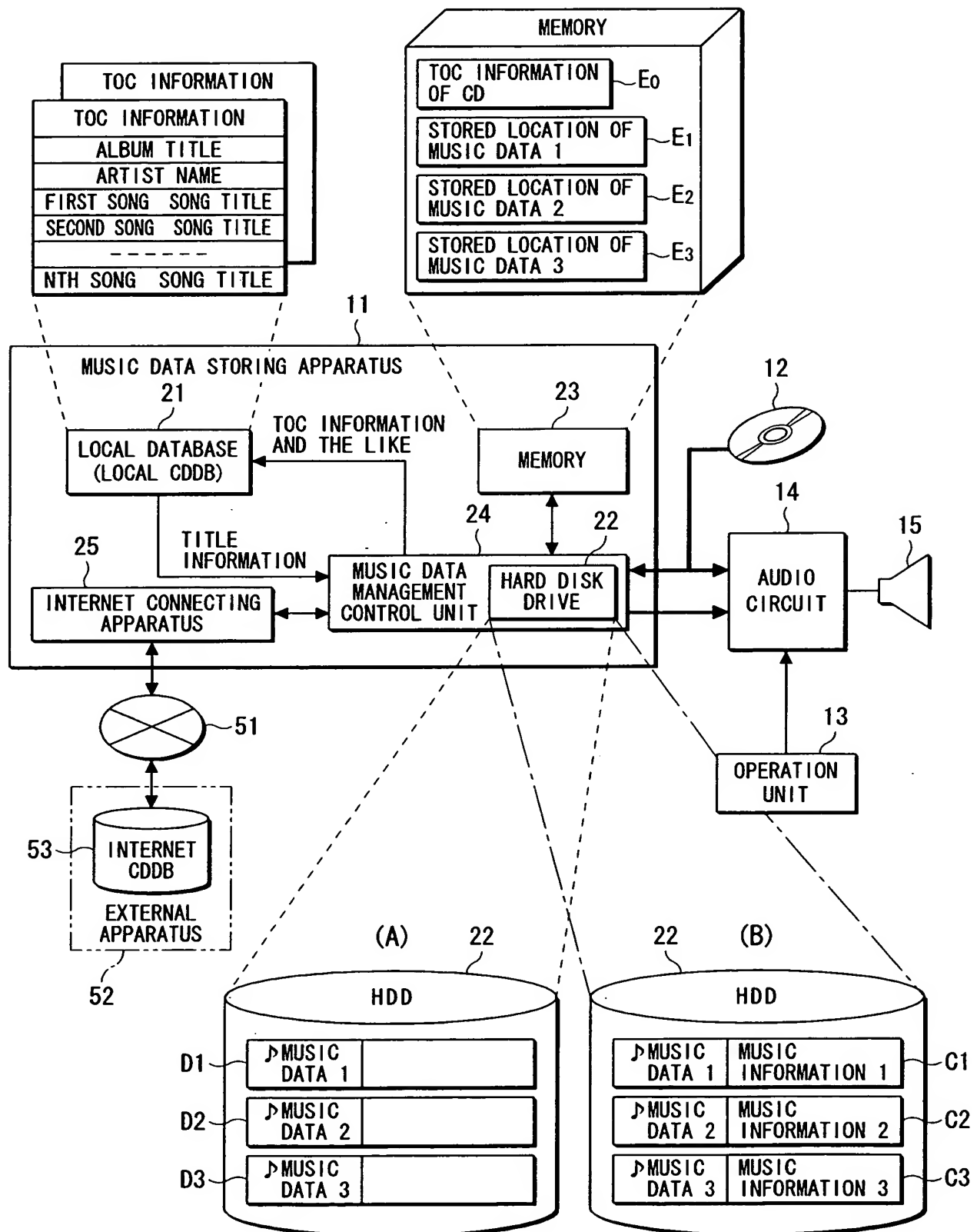


FIG. 7

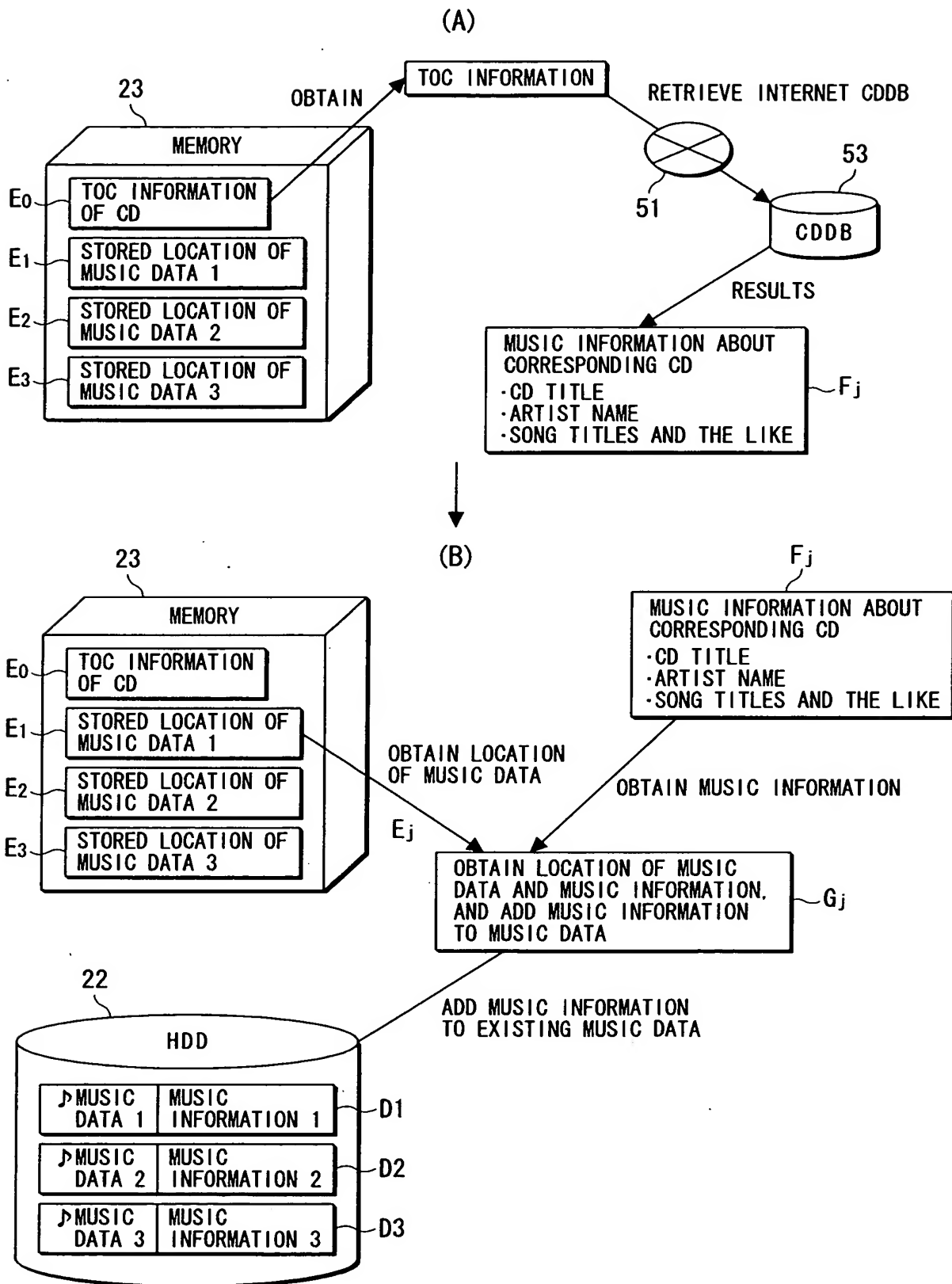


FIG. 8

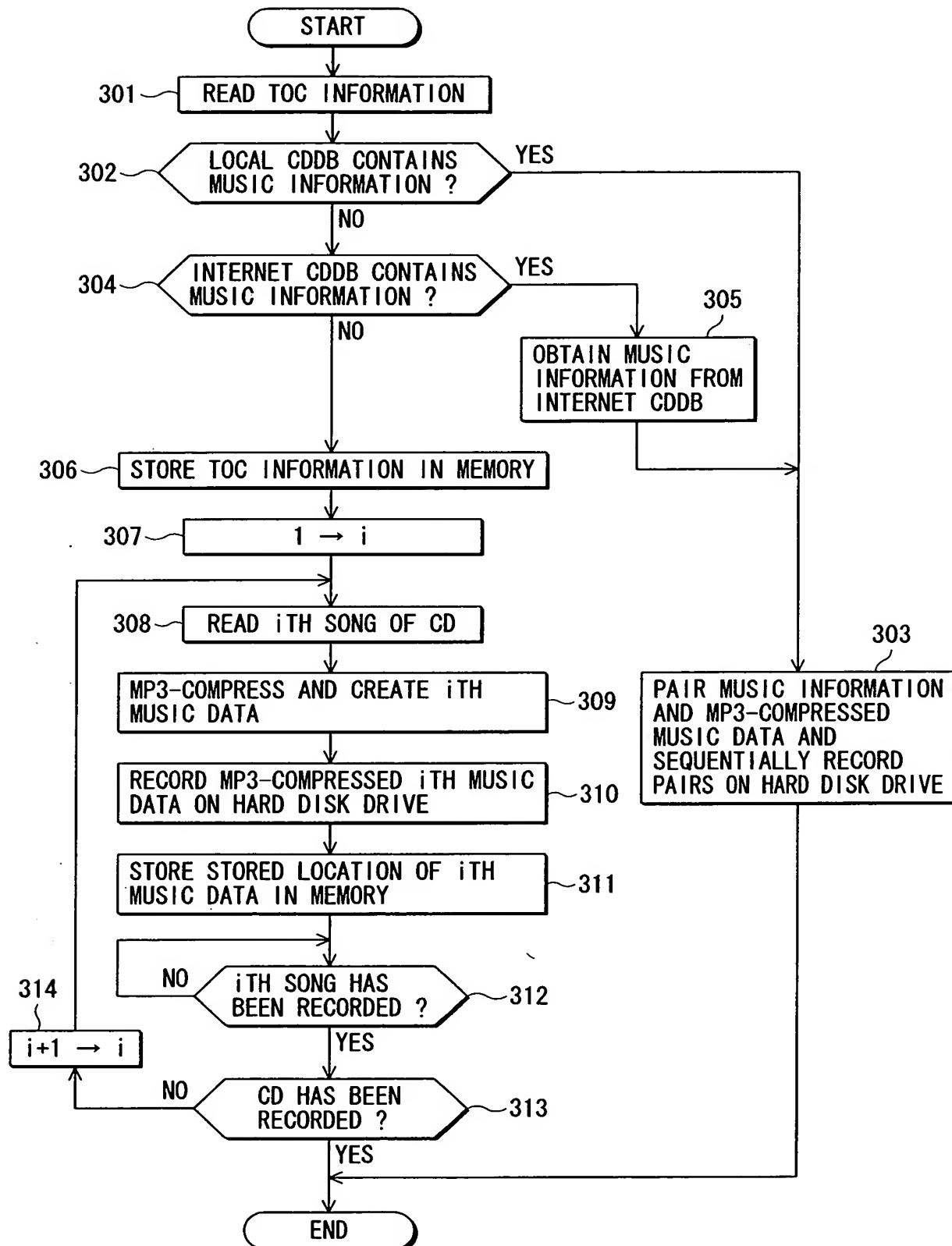




FIG. 9

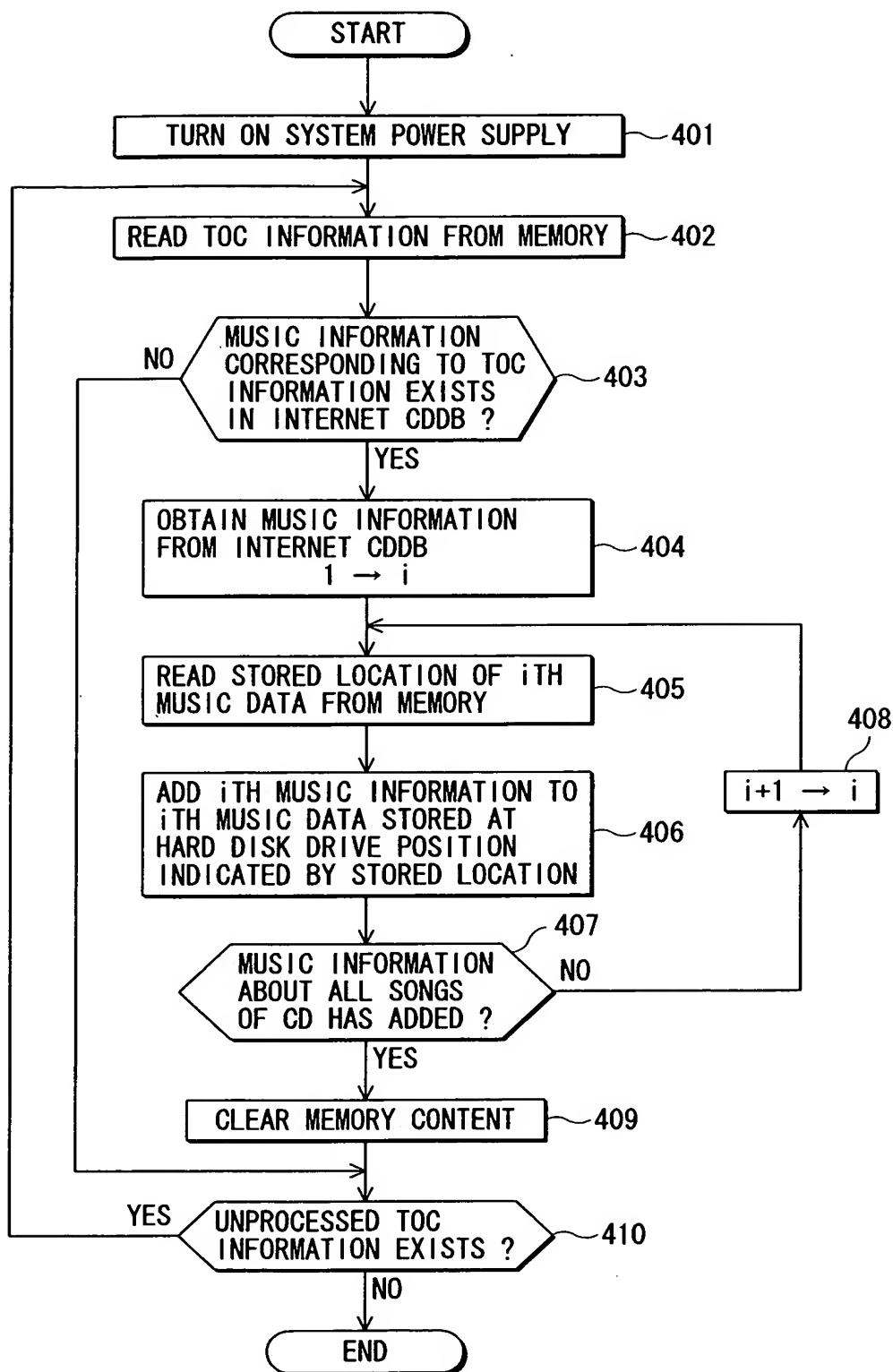


FIG. 10

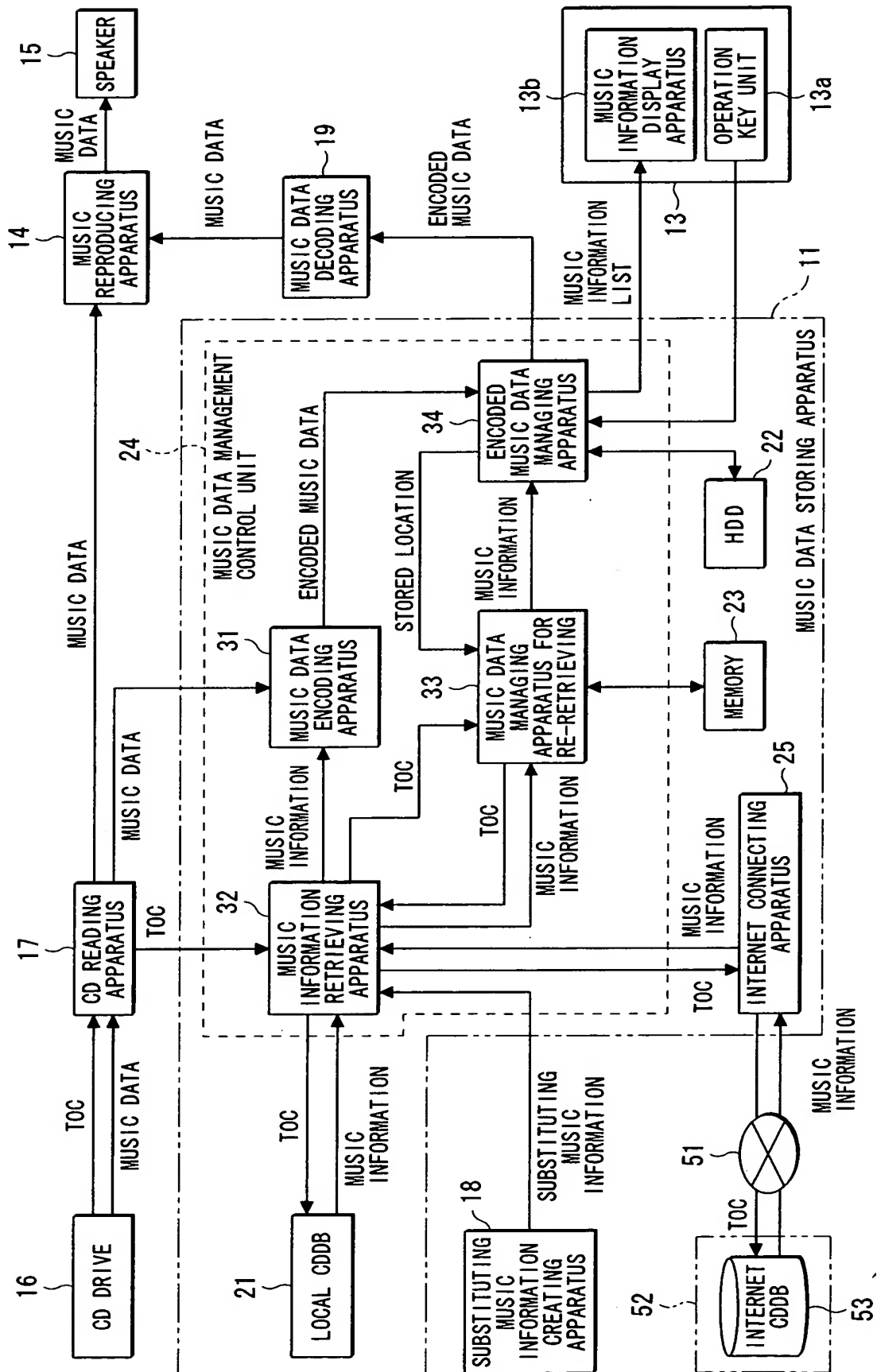


FIG. 11

